

ADDENDUM 1 (AD-1)

Date: June 12, 2014

Owner: Lincoln Regional Center - Building 5

Project: Interior Finish Upgrade First Floor - Bid Package 1

Architect: HDR Architecture, Inc.

Wade Goehring

Address: 8404 Indian Hills Drive; Omaha, NE 68114-4098

NOTICE:

This Addendum is issued to known individuals, firms or corporations holding Bidding Documents and Contract Documents for above listed project.

This Addendum is hereby made a portion of Bidding Documents and Contract Documents. Bidders are required to acknowledge receipt of Addendum in appropriate space on Bid Form.

INDEX:

1. Changes to Project Manual.
 - a. Division 0 Proposal Form: Reissued.
 - b. Section 12 32 00: Revised.
2. Attachments:
 - a. Specification Changes.
 - b. Pre-Bid Meeting Minutes.

AD-1: Division 0 Proposal Form; 06/12/2014: Reissue Proposal Form in its entirety.

PROPOSAL (Reissued AD-1)

The undersigned, being familiar with local conditions affecting the cost of the work, and the Proposed Contract Documents, including the Advertisement for Bids, Instructions to Bidders, Proposal Form, Contract Form, Form of Contract Performance And Payment Bond, Form of Appointment of Purchasing Agent, Form of Exempt Sales/Use Tax Certificate, General Conditions, Special Conditions, Specifications and Plans all on file in the Office of the DAS/State Building Division, Lincoln, Nebraska, hereby proposes to furnish all plant, equipment, transportation, materials, tools, labor and skills necessary and required to perform all work as described in the Proposed Contract Documents entitled:

Lincoln Regional Center Building 5 – Interior Finish Upgrade – First Floor (Bid Package 1)

all in strict accordance with the Proposed Contract Documents including Addenda Numbers _____, _____, and _____, issued and attached thereto -

Bidders shall acknowledge the receipt of any and all addenda issued in the space provided above:

For the contract sum of:

Base Bid: _____ \$ _____

Alternate Bid #____: _____ \$ _____

Alternate Bid #____: _____, \$ _____

The undersigned agrees to complete all work within _____ calendar days following the award of the Contract.

The undersigned states that he is complying with, and will continue to comply with, fair labor standards in the pursuit of his business and in the execution of the contract on which he is bidding.

The undersigned acknowledges having reviewed provisions outlined for exemption of payment of sales taxes to the State of Nebraska and also understands the requirements for registration of any and all nonresident contractors and subcontractors with the Nebraska Department of Revenue.

Bid security is required and accompanies this proposal, the same being subject to forfeiture in the event of default by the undersigned.

In submitting this bid, it is understood that the right is reserved by the DAS/State Building Division to reject any or all bids and to waive informalities, and it is further agreed that this bid may not be withdrawn during the period of sixty (60) days following the scheduled closing time for receipt of the bids.

Date

Firm Name

By

Address

Title

City State Zip

Firm's Federal Identification Number _____ Fax: _____

Firm's Phone Number _____ Email: _____

SECTION 12 32 00
ARCHITECTURAL CASEWORK (AC) (Revised AD-1)

PART 1 - GENERAL

1.1 SUMMARY

- A. Furnish labor, materials, tools, equipment, and services for Architectural Casework (AC), as indicated, in accordance with provisions of Contract Documents.
- B. Completely coordinate with work of other trades.

1.2 QUALITY ASSURANCE

- A. Installer qualifications: Manufacturer or manufacturer's authorized representative.
- B. Construction details, fastening, tolerances and workmanship:
 - 1. Comply with applicable provisions of Architectural Woodwork Standards by AWI/AWMAC/WI, current edition.
 - a. Grade: Premium, with exceptions indicated.
 - 2. Exposed cabinet body edges are to be fabricated flush before and after installation of edge banding.
 - 3. Surfaces to be smooth, without protrusions, and cleanable.

1.3 SUBMITTALS

- A. Shop Drawings:
 - 1. Plans and elevations:
 - a. Plans of casework at 1/8 IN = 1 FT or larger.
 - b. Elevations of casework at 1/4 IN = 1 FT or larger.
 - c. Cross reference shop drawings to Construction Drawing casework elevation reference numbers.
- B. Product Data:
 - 1. Provide copies of manufacturer's specifications and installation instructions for each type of material and accessory required.
 - 2. Include data required to show specification compliance.
 - a. Typical details of casework construction.
- C. Samples:
 - 1. Plastic laminate.
 - 2. Hardware.
- D. Project Information:
 - 1. The apparent successful bidder shall provide the following prior to submittal of Shop Drawings:
 - a. Sample of finished base cabinet unit, 18 IN wide minimum, with one drawer, door and shelf, complete with hardware conforming to requirements.
- E. Contract Closeout Information:
 - 1. Operating and maintenance data.
 - 2. Warranty.

1.4 WARRANTY

- A. Manufacturer five (5) year warranty against defects in materials and workmanship, such as but not limited to delamination, swelling, or warping.

1.5 EXTRA MATERIAL

- A. Deliver casework door locks and drawer locks not shown installed in to Owner, or as directed by Owner.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Architectural Casework:
 - 1. Base:
 - a. Calmar Manufacturing (Tru-Bilt)
 - b. LSI of America
 - c. TMI Systems Design
 - 2. Optional:
 - a. Case Systems
 - b. Stevens Industries, Inc.; Teutopolis, IL.

AD-1: Section 12 32 00; 06/12/2014: Add Paragraph 2.1, A, 2, c.

c. Local casework shops may be used provided that they comply with the project plans and specifications.

- B. Plastic Laminate:
 - 1. Base:
 - a. Nevamar
 - b. Wilsonart
- C. Contact Adhesive:
 - 1. Base:
 - a. Wilsonart
 - b. Formica
 - c. Nevamar
- D. Wood Glue:
 - 1. Base:
 - a. Franklin, (TiteBond)
 - b. Wilsonart, (Lokweld)
- E. Plastic Overlay Panel products:
 - 1. Base:
 - a. Simpson Timber.; Shelton, WA.
 - b. Selply; White City, OR
 - c. Casework Manufacturer
- F. Particleboard, Formaldehyde-free:
 - 1. Base:
 - a. Roseburg Forest Products
 - 2. Optional:
 - a. Sierra Pine
 - b. Columbia Forest Products
 - c. Temple Inland.
- G. Cabinet Hardware:
 - 1. Base:
 - a. Accuride
 - b. Epco; Flint, MI
 - c. Hafele
 - d. Blum

- e. Knape & Vogt
 - f. Grant; West Hyack, NY
 - g. National Lock; Mauldin, SC
 - h. Ilco Unican Corporation
 - i. Stanley Hardware
 - j. Stylmark; Minneapolis, MN
 - k. HEWI
 - l. LSI America
 - m. TMI Systems Design
 - n. Rockford Process Control; Rockford, IL
 - o. U.S. Futaba; Santa Ana, CA
 - p. Rohm & Haas
 - q. Weber Knapp Company, Jamestown, NY
 - r. Corbin Cabinet Lock Div
 - s. Schlage Lock
 - t. Olympus Lock; Seattle, WA
 - u. Sugatsune America, (Lamp); Carson, CA
 - v. Bull Dog Lock; Chicago, IL
 - w. Colson Caster Corporation; Jonesboro, AR
 - x. PX Industries; Farmingdale, NY
- H. Edge Banding:
- 1. Base:
 - a. Doellken-Woodtape
 - 2. Optional:
 - a. Rehau
 - b. Charter Industries
 - c. Canplast
- I. Plastic Laminate-faced Countertops:
- 1. Base:
 - a. VT Industries.; Holstein, IA
 - b. Firms approved for Architectural Casegoods (above).
- J. Sealant:
- 1. Base:
 - a. See Section 07 92 16.
- K. Other miscellaneous items:
- 1. Base: Products and Manufacturers as listed.
- L. Other manufacturers desiring approval comply with Section 00 26 00.

2.2 MATERIALS

- A. Plastic Laminate-Faced Casework:
- 1. Fixed factory built formaldehyde free particleboard core casework finished on exterior with high pressure laminate. Interior of units faced with plastic overlay.
 - a. M2 Particleboard (NAUF: No Added Urea formaldehyde):
 - 1) Description: 3-ply, FSC Certified, 100 percent pre-consumer recycled wood fiber particleboard with no urea formaldehyde added during the manufacturing process.
 - 2) Provide MR moisture resistant particleboard for work surfaces that include a sink. MR particleboard shall have 50 percent reduction in thickness swell in accordance with ANSI A208.1.
 - 3) California Air Resources Board (CARB) Compliance: Composite wood products in this section must incorporate a label that clearly identifies compliance with the Airborne Toxic Control Measure (ATCM) Title 17, California Code of Regulations 93120.
 - 4) Formaldehyde Emissions: 0.00 to 0.01 ppm.

2. Reference Standards: Average density of 47 PCF, meeting or exceeding ANSI Standard A208.1 M2 PB Standard specifications, current edition
3. Provide units complete with hardware, countertops and sub-bases, in sizes and configurations indicated.
 - a. Style:
 - 1) Reveal overlay, with square cornered doors and drawer fronts overlapping case front with minimum reveal at plastic laminate casework.
 - 2) Edge doors and drawer fronts with 3mm PVC banding, machine applied using waterproof hot melt adhesive. Machine profile exposed edges with 1/8 IN radius.
 - b. Joinery:
 - 1) Construct cabinet body of 3/4 IN thick particleboard core joined with 10mm diameter industrial grade hardwood dowels, securely glued and clamped under pressure during assembly.
- B. Particleboard, Formaldehyde-free:
 1. ANSI-A208.1, mat formed.
 2. Density: 45 PCF.
 3. Type 1-M-3 for general use
- C. Plastic Laminate Facings:
 1. Standard: NEMA LD3, current issue.
 2. Thickness and Grade:
 - a. Countertops and backsplashes, and their edges: Grade-GP50, 0.050 IN thick.
 - b. Formed surfaces: Post form Grade-PF42.
 - c. Other exposed surfaces: Grade-GP28, 0.028 IN thick.
 3. Backer Sheets for laminated items.
 - a. Semi-exposed cabinet liner: Grade-CL20, 0.020 IN thick; color to match plastic overlay.
 - b. Concealed backer sheet: Grade-BK20, 0.020 IN thick.
 4. See Part 3 Fabrication-Case Components for components requiring plastic laminate finish.
- D. Acrylic Compartment Divider Panels:
 1. Material: Acrylic plastic.
 2. Thickness: 1/4 IN.
 3. Color: Clear or opaque as selected by Architect.
 4. Exposed edges: Route surface and sand to satin finish.
- E. PVC Edge-banding for case body & components:
 1. Machine applied with waterproof hot-melt adhesive.
 2. Thickness: 1mm.
 3. Color: To match case, as selected by Architect.
- F. PVC edge banding (shelves inside plastic laminate clad units):
 1. Machine applied with waterproof hot-melt adhesive.
 2. Shelves: Apply to 4 edges.
 3. Thickness: 1mm.
 4. Color: To match case, as selected by Architect.
- G. PVC Edge-banding for doors and drawer fronts, exposed finished shelves and removable panels:
 1. Machine applied with waterproof hot-melt adhesive.
 2. Thickness: 3mm.
 3. See color schedule for selections (Section 09 06 10).
 4. Color: Refer to Room Finish Legend, Sheet I-001 of the drawings.
- H. Contact Adhesives:
 1. Description:
 - a. Viscosity: 760 cps.
 - b. Density: 7.7 Lbs/gallon.
 - c. Solids content: 36 percent +/- 1 percent.

- d. VAHP content: None.
 2. Contact adhesives shall have a VOC content no greater than 80g/l.
 3. Contact adhesives shall have a VOC content no greater than 80g/l.
 4. Adhesives shall contain no carcinogen or reproductive toxicant components present at more than 1 percent of total mass of the product as defined in the California Office of Environmental Health Hazard Assessment's (OEHHA) list entitled "Chemicals Known to the State to Cause Cancer" or the Reproductive Toxicity, Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).
- I. Wood Glue:
1. Description:
 - a. Bond Strength per ASTM D905: 4,000 psi. at room temperature.
 - b. ANSI/HPVA Type I water resistant.
 - c. Application temperature: Above 47 degF.
 - d. FDA approved for indirect food contact.
 - e. Wood glue adhesives shall have a VOC content no greater than 30 g/L.
 - f. Wood glue adhesives shall have a VOC content no greater than 30 g/L.
 - g. Adhesives and sealants shall contain no carcinogen or reproductive toxicant components present at more than 1percent of total mass of the product as defined in the California Office of Environmental Health Hazard Assessment's (OEHHA) list entitled "Chemicals Known to the State to Cause Cancer" or the Reproductive Toxicity, Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).
- J. Spray Adhesives:
1. Viscosity: 1400 cps.
 2. Density: 8.4 lb/gal.
 3. Solids: 36 percent.
 4. Coverage: 230 bonded ft²/gal.
 5. Comply with Green Seal 36:
 - a. VOC content shall be no greater than 400 g/L.
 - b. Adhesive shall not be formulated with any carcinogens. Any carcinogen that is known to be present as a contaminant shall not exceed 0.1 percent by weight of the product.
 - c. Adhesive shall not be formulated with any reproductive toxins. Any reproductive toxin that is known to be present as a contaminant shall not exceed 0.1percent by weight of the product.
 - d. Adhesive shall not be formulated with any persistent, bio accumulative, and toxic compounds (PBTs). Any PBT that is known to be present as a contaminant shall not exceed 0.1 percent by weight of the product.
 - e. Adhesive shall not be formulated with any ozone-depleting substances. Any ozone-depleting substance that is known to be present as a contaminant shall not exceed 0.1percent by weight of the product.
 6. 3M 1730/1731 Contact Adhesive.
- K. Sealant:
1. Description:
 - a. Silicone sealant in colors matching components.
 - b. See Section 07 92 16.
 - c. Sealants shall have a VOC content of no greater than 250 g/L.
 - d. Sealants shall have a VOC content of no greater than 250 g/L.
 - e. Sealants shall contain no carcinogen or reproductive toxicant components present at more than 1% of total mass of the product as defined in the California Office of Environmental Health Hazard Assessment's (OEHHA) list entitled "Chemicals Known to the State to Cause Cancer" or the Reproductive Toxicity, Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).
 2. Colors:
 - a. Colors as required to match Plastic Laminate, Stone, Wood, Solid Surfacing and other materials specified for casework bodies, countertops and splashes.

- b. Architect to select from no less than 400 standard color choices.
- c. Number of different colors required for project shall not be limited.
- 3. Base Product:
 - a. Solid Colors: Color-Sil by Color Rite; 100% Silicone, no suspended partials.
 - b. Speckled Colors: Poly-Sil by Color Rite; includes polymers suspended in 100% Silicone.
 - c. Architect to select final colors and locations during submittals phase.

2.3 CABINET DOOR HARDWARE

- A. Five Knuckle (Institutional) Hinges:
 - 1. Institutional (hospital tip), 5 knuckle, wrap around type (screwed to back of door and side of divider/end), with barrel only projecting beyond face of cabinet.
 - 2. Use on cabinets unless noted otherwise.
 - 3. Minimum Height: 2-3/4 IN.
 - 4. Minimum 8 screws per hinge.
 - 5. ANSI/BHMA-A156.9 Grade-1.
 - 6. Hinge Quantities per leaf:
 - a. For doors up to 48 IN high: 2 hinges.
 - b. For doors over 48 IN high: 3 hinges.
 - 7. Finish: 26D Dull Chrome.
 - 8. Base Product: 370/450 Overlay Hinge Series by Rockford Process Control (RPC).
- B. "Square U" type Pull:
 - 1. Grade 304 Stainless Steel, "Square U" type profile.
 - 2. Finish: Satin.
 - 3. Base: EPCO (Engineered Products Co) Architectural & Functional Hardware Products.
 - 4. Architectural Collection, Stainless Steel.
 - 5. Part Number: AS51-096-SS
 - 6. Stevens Industries, Inc.
 - 7. Slimline 128
 - 8. Matte Nickel (SA-007MN)
- C. Catches:
 - 1. Magnetic or roller type, adjustable.
 - 2. Minimum 4 LB pull.

AD-1: Section 12 32 00; 06/12/2014: Delete Paragraphs 2.3, D and E.

~~D. Locks:~~

- ~~1. Provide as noted on IC Drawings.~~

~~E. Elbow Catch:~~

- ~~1. Provide at doors with locks.~~

- F. Door Stops:
 - 1. Metal slide type with positive stop.
 - 2. Provide at locations where door opens adjacent to walls, cabinets and equipment.
- G. Door Bumpers:
 - 1. Provide on backside of doors.

2.4 CABINET DRAWER HARDWARE

- A. Drawer Slides:
 - 1. Nylon wheels/rollers, stainless steel or polymer ball bearings, positive closing and pull out stops, drawer removable without use of tools.
 - 2. Full extension (all capacities).
 - 3. Capacity:

- a. Standard Drawers (other than types listed below): 100 LBS.
 - b. File Drawers: 150 LBS.
 - c. Lateral Files:
 - 1) Less than 42 IN wide: 200 LBS.
 - 2) 42 to 48 IN wide: 400 LBS.
- 4. Optional Product:
 - a. Metabox System by Blum, is acceptable where capacities (listed above) can be met.
- B. "Square U" type Pull:
 - 1. Grade 304 Stainless Steel, "Square U" type profile.
 - 2. Finish: Satin.
 - 3. Base: EPCO (Engineered Products Co) Architectural & Functional Hardware Products.
 - 4. Architectural Collection, Stainless Steel.
 - 5. Part Number: AS51-096-SS
 - 6. Stevens Industries, Inc.
 - 7. Slimline 128
 - 8. Matte Nickel (SA-007MN)

AD-1: Section 12 32 00; 06/12/2014: Delete Paragraph 2.4, C.

~~C. Locks:~~

- ~~1. Provide as noted on IC Drawings.~~

D. File Hanging Rails:

- 1. Description: Full length metal suspension rails designed to support pendaflex hanging files.
- 2. Material: Powder coated steel to match drawer interior or mill finish aluminum.
- 3. Provide one pair of such rails at file drawers.

E. Drawer bumpers:

- 1. Provide on backside of drawer faces.

AD-1: Section 12 32 00; 06/12/2014: Delete Article 2.5 in its entirety.

~~2.5 LOCKS~~

~~A. Locks:~~

- ~~1. Small pin tumbler with heavy duty deadbolt.

 - ~~a. Disc tumbler type locks will not be accepted.~~
 - ~~b. Cam locks will not be accepted.~~~~
- ~~2. Keyway: D4292 (5 pin).~~
- ~~3. ANSI/BHMA Standard: E07121.

 - ~~a. Cycle Tested per ANSI/BHMA A156.11 Grade 1.~~~~
- ~~4. Base Products:

 - ~~a. Door Locks: 100DR by Olympus Lock.~~
 - ~~b. Drawer Locks: 200DW by Olympus Lock.~~~~
- ~~5. Finish: Satin Chrome US26D (BHMA 626).~~
- ~~6. Include spacers, adapters, fasteners and strikes.~~
- ~~7. Barrel Length: As appropriate for conditions.~~
- ~~8. Provide 2 keys for each lock.~~
- ~~9. Master key and grand master key as directed.~~

~~B. Extra Material:~~

- ~~1. Provide 20 extra locks of each type; door locks and drawer locks to Owner at closeout.~~

2.6 SUPPORTS AND BRACKETS

- A. Adjustable Shelf Supports (drilled hole type):
 - 1. Locate support holes to avoid conflict with installation of door hardware.
 - 2. Description: Friction fit into cabinet end panels and vertical dividers, readily adjustable on 1/4 IN centers.
 - 3. Material:
 - a. Injection molded clear polycarbonate with spring clip shelf lock feature.
 - 4. Capacity: 90kg 200 LBS minimum, per support device.
- B. Metal Bracket for Cantilevered Countertop:
 - 1. Material: 1/8 IN thick steel.
 - 2. Pre-drilled for attachment to wall and countertop.
 - 3. Include fasteners suitable for conditions.
 - 4. Coordinate locations of blocking (see Section 09 22 16).
 - 5. Capacity: 1000 LBS per bracket.
 - 6. Base Product: 2424 AMH by Wizard Products.
 - 7. Finish: Powder coat.
 - a. Color: To be selected by Architect.

2.7 GROMMETS

- A. Grommets for cords:
 - 1. Base Product: XG-3 by Doug Mockett & Company, Inc.
 - 2. Finish: Black or putty as selected by Architect.
 - 3. Size: Provide 3-1/2 IN diameter flip top grommet cap with 7/8 IN x 1-3/8 IN cord slot.
 - 4. Provide as directed by Owner after installation of equipment at each location such as, but not limited to, undercounter electrical or systems outlet, cord drop location, and keyboard drawer location.
- B. Grommets for paper slots:
 - 1. Base Product: CP-1, with nubber paper retainer by Doug Mockett & Company.
 - 2. Finish: Black or putty as selected by Architect.
 - 3. Provide in locations directed by Owner after installation of equipment.

2.8 MISCELLANEOUS CABINET HARDWARE

- A. Wire management raceway:
 - 1. Base Product: WM-2 one piece, J shaped by Doug Mockett.
 - 2. Color as selected by Architect.
 - 3. Provide at open knee spaces.
 - 4. Fasten to wall or to inside of Tech Station fronts.

2.9 FABRICATION

- A. General:
 - 1. See IC-Series Drawings for casework quantities, configurations, finishes, countertops and casework accessories.
 - 2. Verify dimensions at site.
 - 3. Verify locations of items furnished in other sections.
 - 4. If necessary to vary from arrangement indicated because of structural, mechanical, electrical or other considerations, make such variations only after approval of Architect.
- B. Definitions:
 - 1. Exposed surfaces: Surfaces visible when doors and drawers are closed:
 - a. Door and drawer fronts, and their edges.
 - b. Exposed ends.
 - c. Bottom of wall case.
 - d. Countertop and backsplash and their exposed edges.

- e. Face of cabinet body not covered by doors or drawer fronts.
 - f. Toe strip not to be covered by separate base.
 - g. Wall mounted adjustable shelves and their edges.
 - h. Interior of open cabinets, including shelving.
 - i. Interior of cabinets with glass doors.
 - 2. Concealed surfaces: Surfaces not visible after installation:
 - a. Solid top panels.
 - b. Security panels.
 - c. Locking rails.
 - 3. Semi-exposed surfaces: All other surfaces including:
 - a. Interior of closed cabinets.
 - b. Top of wall and tall cases.
 - c. Drawers.
- C. Joinery
- 1. Case body:
 - a. Sides, dividers, bottom, and tops members:
 - 1) Provide minimum of 6 dowels at each joint for 24 IN deep cabinets and a minimum of 4 dowels for 12 IN deep cabinets.
 - 2) Glue joints.
 - b. Back:
 - 1) Dado into sides, bottom, and top. Locate dado 3/4 IN in from back face of cabinet or on-set type, lead in at finished ends, screwed at the top and bottom, stapled at the sides.
 - 2) Glue joints.
 - c. Compartment dividers and lock rails: Doweled.
 - d. Base: Integral or separate, to receive base material to match adjacent walls, unless noted otherwise.
 - e. Blind-fasten to bottom of case body when separate.
 - 2. Drawers with Sub-fronts:
 - a. Sub-front, sides and back: Doweled corners: Glue joints.
 - b. Bottom: Dado into 4 sides and glued or screwed to the bottom with the use of bottom supporting drawer slide hardware.
 - c. Front: Secured from sub-front side with no less than four screws after adjustments.
 - d. Use no blocking or fasteners in exposed or Semi-exposed locations.
- D. Case Components for Plastic Laminate-faced Cabinets:
- 1. General Finishes for non-fire-rated cabinets:
 - a. Exposed surfaces: Plastic Laminate.
 - b. Semi-exposed surfaces: Plastic Overlay.
 - c. Edges of Doors and Drawer Fronts: 3mm PVC edge banding.
 - d. Edges of Case Body members: 1mm PVC edge banding.
 - e. Edges of Shelves: 1mm PVC edge banding, 4-sides.
 - 2. Case Body Members:
 - a. Sides: 3/4 IN Particleboard with Plastic Overlay, 1-side.
 - 1) Locate support holes to avoid conflict with installation of door and drawer hardware.
 - b. Top Panels: 3/4 IN Particleboard with Plastic Overlay, 2-sides.
 - c. Backs: 1/2 IN Particleboard with Plastic Overlay, 1-side.
 - 1) Exception: Where back face is exposed to view: Upgrade to 3/4 IN Particleboard; Plastic Overlay on inside face; Plastic Laminate, color matching sides and fronts, on exposed back face.
 - d. Semi-exposed Members: 3/4 IN Particleboard with Plastic Overlay, 2-sides.
 - e. Exposed edges of Particleboard: 1mm PVC edge banding.
 - f. Security Panels: 1/2 IN Particleboard with Plastic Overlay, 2-sides.
 - g. Drawer Lock Rails: 3/4 IN Particleboard with Plastic Overlay, 2-sides.

- h. Base: 3/4 IN Plywood or Particleboard, with intermediate reinforcing at 24 IN on O.C. maximum.
 - 3. Shelves:
 - a. Semi-exposed Shelves: 3/4 IN Particleboard with Plastic Overlay, 2-sides.
 - 1) Exception: Increase thickness to 1 IN for spans exceeding 30 IN.
 - b. Exposed Shelves: Shelves: 3/4 IN Particleboard with Plastic Laminate, 2-sides.
 - 1) Exception: Increase thickness 1 IN for spans exceeding 30 IN.
 - 4. Doors:
 - a. 3/4 IN Particleboard with Plastic Laminate on exposed faces, Plastic Overlay on semi-exposed faces.
 - b. Edges: 3mm PVC edge banding on laminate-faced doors.
 - c. Doors not to exceed 25 IN in width.
 - 5. Drawers:
 - a. Drawer Fronts:
 - 1) 3/4 IN Particleboard with Plastic Laminate on exposed faces, Plastic Overlay on semi-exposed faces.
 - 2) Edges: 3mm PVC edge banding on laminate-faced drawer fronts.
 - b. Sub-fronts, Sides and Backs:
 - 1) 1/2 IN Particleboard with Plastic Overlay, 2-sides.
 - 2) Exposed top edges finished with 1mm PVC banding.
 - c. Bottoms:
 - 1) 1/2 IN Particleboard with Plastic Overlay, 2-sides.
 - 2) Include intermediate reinforcing rails where drawer width exceeds 18 IN.
 - 6. Case Base: Integral or separate base for each unit.
 - 7. Small Compartment Dividers: 1/4 IN Clear acrylic panel.
 - 8. Filler Panels and Scribe Pieces: 3/4 IN Particleboard with Plastic Laminate exposed surfaces; Plastic Overlay on semi-exposed or fully concealed surfaces,
 - 9. Grain Direction, where laminate finish is directional: Vertical grain at frames, cases, door faces, drawer faces and other vertical surfaces.
- E. Mechanical Fasteners:
- 1. Countertop joints:
 - a. Provide joint connectors every 6 IN OC.
 - 2. Pre-drill and countersink screw holes before installation.
 - 3. Do not use mechanical fasteners or blocking in exposed locations. When fasteners are required on exposed surfaces color, materials and finish to be approved by Architect.
- F. Case Configuration:
- 1. Plastic Laminate-Faced Units:
 - a. Provide reveal, approximately 1/8 IN, at top of doors and drawer fronts, and between doors and drawer fronts in same unit; reveal approximately 7/16 IN at sides.
 - 2. Provide reveal 1/8 IN x 1/8 IN (black) in upper edge of exposed sides of wall case when plastic laminate soffits provided.
 - 3. Toe space:
 - a. 4 IN high by approximately 3 IN deep; provide on front of each base unit unless noted on architectural drawings.
 - 4. Pairs of sliding doors:
 - a. Equal width; overlap approximately 1 IN.
 - 5. Countertop:
 - a. Plastic laminate units:
 - 1) Overhang 3/4 IN beyond doors, drawer fronts and exposed ends.
 - 6. Hardware mounting:
 - a. Drawers:
 - 1) Center pull in front, horizontally.
 - 2) No more than 4 IN from top.
 - b. Drawers with 2 pulls:

- 1) Set pulls at 1/4 points.
- 2) No more than 4 IN from top.
- c. Framed glass doors:
 - 1) Center pull in corner of frame.
- d. Swinging doors:
 - 1) Set pull in swing side corner, vertically; at top of base units; at bottom of wall units.
7. Exposed adjustable shelves:
 - a. Use drilled hole supports only (32mm centers).
8. Semi-exposed adjustable shelves:
 - a. Use drilled hole supports (32mm centers).
 - 1) Depth: 1/2 IN less than inside cabinet depth.
 - 2) Width: 1/8 IN, maximum, less than inside cabinet width.
9. Provide doors at locations requiring access to electrical devices, as indicated on drawings.

2.10 COUNTERTOP MATERIALS AND FABRICATIONS

- A. Plastic Laminate-Faced Countertops:
 1. General:
 - a. HPDL facing on exposed surfaces: 0.042 IN thick.
 - b. Backer sheets on concealed surfaces: 0.020 IN thick.
 - c. Edges of raw particleboard to be sealed with polyurethane before assembly.
 - d. Fabricator is responsible for matching patterns to produce an acceptable result.
 2. Countertop Construction:
 - a. Core Material: Particleboard or Medium Density Fiberboard (MDF).
 - b. Core Thickness: 1-1/4 IN, or 3/4 IN with 1/2 IN build-down.
 - c. Laminate backer sheet on underside of countertop.
 - d. Laminate top surface with HPDL.
 - e. Joints in counter length: Factory fitted, splined, glued, and mechanically fastened.
 - f. Provide 2 IN radius on exposed outside corners.
 - g. Unless otherwise noted on the casework drawings, provide as noted in specifications.
 3. Countertop Front Edges and exposed side edges:
 - a. Plastic Laminate Edge Banding: Apply laminate to front edge before top surface of countertop.
 - b. PVC Edge Banding: PVC banding at front edge of 30 IN high counters, 36 IN high counters with knee spaces, and other locations where indicated.
 - 1) Machine applied with waterproof hot-melt adhesive.
 - 2) Thickness: 3mm.
 - 3) Color: See Finish Legend, Sheet I-001 of the drawings.
 4. Backsplash: As indicated in the casework drawings.
 5. Backsplash with scribe piece 1 IN to be glued and secured to back edge of countertops where indicated.
 - a. Apply laminate to vertical face before top edge.
 - b. Apply backer sheet on back face.
 - c. Height as indicated.
 - d. Cove radius 1/4 IN maximum.
 6. Sidesplash: As indicated in the casework drawings.
 - a. Apply backer sheet on back face.
 - b. Apply laminate to vertical faces before top edge.
 - c. Provide laminate backer sheet on concealed surfaces before applying plastic laminate.
 - d. Secure to top and side wall.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Verify suitability of substrate to accept installation.
- B. Insure that adequate Wall Backing has been installed.
 - 1. Metal Wall Backing: Specified in Section 09 22 16.
 - 2. Wood Backing (blocking): Specified in Section 06 10 53.
 - 3. Coordinate and direct installation of backing where required.
- C. Correct unsatisfactory conditions.
- D. Installation constitutes acceptance of responsibility for performance.

3.2 INSTALLATION

- A. Manufacturer provide printed instructions or drawings indicating wall blocking locations and type required to Contractor in advance of casework installation. Coordinate with Contractor.
- B. Use manufacturer's printed instructions or drawings in cases where items or details are not indicated.
- C. Hardware:
 - 1. Install hinges, stops, guides and other door and drawer hardware to avoid adjustable shelf holes in case body.
- D. Construct units with sinks or lavatories to withstand an applied vertical load of not less than 250 pounds on the front edge of countertop.
 - 1. Provide trim, fillers, closures, stands, supports, sleeves, collars, escutcheons, ferrules, brackets, braces or other miscellaneous items required for complete installation.
- E. Provide cutouts for mechanical and electrical items.
- F. Seal sink cutouts.

AD-1: Section 12 32 00; 06/12/2014: Delete Paragraph 3.2, G.

~~G. Install up to 10 extra door locks and 10 extra drawer locks in casework not previously shown or scheduled to have locks.~~

- ~~1. Install extra locks where directed by Owner.~~
- ~~2. Closeout: Turn over any extra uninstalled locks to Owner.~~

3.3 SEALING OF JOINTS

- A. Seal casework, countertops and splashes to walls, to seal joints.
 - 1. Sealant color to match countertop color.
- B. Seal perimeter of counter-mounted sink fixtures.
 - 1. Sealant color to match countertop or sink color.
- C. Seal window sills to walls and window frames to seal joints.
 - 1. Sealant color to match color of sill material specified.

3.4 ADJUSTMENTS AND CLEANING

- A. Test and adjust items of equipment for satisfactory operation.
- B. Adjust hinges for proper door alignment.
- C. Adjust drawer guides for proper drawer front alignment and operation.
- D. Adjust countertops to a level position and align to adjacent unit.
- E. Repair damage to casework or countertops to appear in original new condition.

- F. Repair damage to premises as a result of installation.
- G. Remove debris left by this installation.
- H. Clean casework and countertops after above items have been completed.

END OF SECTION



Meeting Minutes

Project: Lincoln Regional Center Building 5 Interior Finishes Upgrade- Bid Package 1

Subject: Pre-Bid Conference

Date: Wednesday, June 11, 2014

Location: Building 5

Attendees: Wade Goehring-HDR
Gordon Tebo-LRC
Owen Jauken- Elkhorn West
Ben Bogner- NGC

Fred Zarate –SBD
Kurt Anderson –LRC
Tracy Stake- Dickey Burham
Jon Dybdal-Broer Construction

Pre-bid Questions and Answers:

1. Are employees required to check-in?
 - a. Yes. Employees must check in and out each day at the front door. After that they may use the designated construction entrances.
2. What is the phasing?
 - a. General Contractor (GC) will discuss schedule dates with Owner and Architect. The sequencing will be as follows:
 - i. General Contractor will notify Owner and Architect when materials and labor will be available to start.
 - ii. Owner will schedule Asbestos Abatement contractor to complete their work the week before the GC is ready to take possession of the S-1 ward.
 - iii. The GC will take possession of the ward and complete work in a timely manner.
 - iv. The GC will proceed to ward S-2 and then to specific portions of the corridor included under Alternate 1.
3. Are all hollow metal doors and frames required to painted?
 - a. No. All new HM doors and frames are required to be painted. Existing doors and frames are to be painted if they are within the construction limits, with the exception of corridors 155 and 192. These doors and frames are new under a separate contract.
4. Is the GC required to repaint the room signage that is painted on the corridor walls that are being covered with drywall.
 - a. No.
5. QT-1 on Sheet I-001-BP1 says to match existing. The existing tile is no longer manufactured. What should we do?
 - a. Provide the closest match available. Submit to the Architect during construction for approval.

End